



## State of Vermont

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Department of Environmental Conservation  
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Waste Management Division  
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~~January 4, 2002~~

*April 12, 2002*

MS KATHLEEN BRAUN  
28 HAWK PINE ROAD  
NORWICH VT 05055

Re: Sites Management Activity Completed (SMAC) at the Braun Residence  
Norwich, Vermont (Site #98-2500)

Dear Ms. Braun:

The Sites Management Section (SMS) has reviewed the letter report by Stone Environmental Incorporation (SEI) dated December 11, 2001, describing the results of advancing a soil boring in the former underground storage tank (UST) area on November 26, 2001. Based on this letter report and previous submittals found in the file, the SMS has the following understanding about the site:

- On April 28, 1998, petroleum contamination was found during the removal of a 500-gallon No. 2 fuel oil UST.
- Soils from the former tank pit were screened for volatile organic compounds (VOCs) with a photoionization detector (PID). The highest PID reading was 60 parts per million (ppm) at a depth of 8 feet below ground surface. All the excavated soils were placed back in the former tank pit.
- Your residence receives water from a community bedrock well located approximately 200 feet from the former UST area.
- On December 2, 1998, SEI advanced two shallow soil borings: one in former UST area and one at the base of the curtain drain. No VOCs were detected in the base of the curtain drain. The soil boring in the former UST area has a PID reading of 3.5 ppm at a depth of four feet, which was also the bottom of the soil boring.
- On December 2, 1998, the air in the workroom adjacent to the curtain drain were screened for VOCs using a PID and a water sample was collected from your residence and analyzed for VOCs. No VOCs were detected in the workroom or the water sample.


(Over)

- On November 26, 2001, a soil boring (SB-3) was advanced in the former UST area to a depth of 11.5 feet. The boring device could not penetrate deeper. Another boring was advanced approximately 5 feet from the first, and refusal was reached at a depth of approximately 12 feet. There were no elevated PID readings from soils collected from the borings. A soil sample from SB-3 was collected at a depth of 11.5 feet and analyzed for VOCs using EPA Method 8021b. No VOCs were detected. No groundwater was found in the soil borings.

Based on the above, the SMS believes that the residual petroleum contamination at the site does not pose an unreasonable risk to human health and safety or the environment. The soil contamination appears to be decreasing over time and groundwater does not appear to be affected by the contamination. Therefore, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. This SMAC designation does not release you of any past or future liability associated with the petroleum contamination remaining in the ground from the removed USTs. It does, however, mean that the SMS is not requesting any additional work at this time.

If you have any questions or comments, please contact me at (802) 241-3888.

Sincerely,

  
George Desch, Chief, P.E.  
Sites Management Section

cc: DEC Regional Office  
Norwich Selectboard  
Daniel Voisin, Stone Environmental Inc.  
<jss/wp/sites/982500/braun010402.smc>